

# Perancangan sistem informasi program pencegahan dan pengendalian infeksi saluran pernapasan akut di Kabupaten Bengkulu Utara tahun 2019 = Designing an information system program for the prevention and control of acute respiratory tract infection in North Bengkulu Regency in 2019

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## Abstrak

Indonesia telah melaksanakan pendekatan Manajemen Terpadu Balita Sakit Berbasis Masyarakat dan Manajemen Terpadu Balita Sakit untuk menurunkan beban penyakit dan kematian balita akibat pneumonia. Data temuan kasus dan tatalaksana pneumonia yang bersumber dari pelaksanaan Manajemen Terpadu Balita Sakit Berbasis Masyarakat dan Manajemen Terpadu Balita Sakit merupakan sumber penting laporan rutin Program Pencegahan dan Pengendalian ISPA.

Penelitian ini bertujuan untuk merancang Sistem Informasi Program Pencegahan dan Pengendalian ISPA yang dapat meningkatkan kelengkapan laporan dan mempercepat pengiriman laporan Program Pencegahan dan Pengendalian ISPA. Penelitian ini menggunakan metode Rapid Application Development (RAD) dengan teknik prototyping.

Hasil dari penelitian ini adalah prototipe Sistem Informasi Program Pencegahan dan Pengendalian Infeksi Saluran Pernapasan Akut berbasis web dan android. Prototipe Sistem Informasi Program Pencegahan dan Pengendalian ISPA berbasis web dan android dapat mengurangi waktu yang dibutuhkan untuk proses pengumpulan, pengolahan, pengiriman dan penyajian data Program Pencegahan dan Pengendalian ISPA. ....Indonesia has implemented the Community-Based Integrated Management of Childhood Illness approach and Integrated Management of Childhood Illnesses to reduce the burden of illness and death of children under five from pneumonia. Data on case finding and management of pneumonia originating from the implementation of Integrated Management of Childhood Illnesses and Community-Based Integrated Management of Childhood Illness are important sources of routine reports of Acute Respiratory Infection Prevention and Control Programs.

This study aims to design an Acute Respiratory Infection Prevention and Control Program Information System that can improve report completeness and accelerate the delivery of Acute Respiratory Infection Prevention and Control Program reports. This study uses the Rapid Application Development (RAD) method with prototyping techniques.

The results of this study are a prototype of a web-based and android based Prevention and Control Program for Acute Respiratory Infection Program. Web-based and android-based Prevention and Control Program for Acute Respiratory Infection Program prototype can reduce the time needed for the process of collecting, processing, sending and presenting Acute Respiratory Infection Prevention and Control programs.